

A. Identification and Coding Information

1. Project Number	Agency Number	Update Code
973835	W-150.06	Change

3. Project Name: Wheaton Water Main Modifications

4. Program: **Sanitation** 6. Planning Area: Bi-County

2. Date: October 1, 2003

Revised:

7. Pre PDF Pg.No.: 8. Req. Adeq. Pub. Fac.

5. Agency: **WSSC****B. Expenditure Schedule (000's)**

Cost Elements	(8) Total	(9) Thru FY '03	(10) Estimate FY '04	(11) Total 6 Years	(12) Year 1 FY '05	(13) Year 2 FY '06	(14) Year 3 FY '07	(15) Year 4 FY '08	(16) Year 5 FY '09	(17) Year 6 FY '10	(18) Beyond 6 Years
Planning, Design & Supervision	883	715	100	68	68						
Land											
Site Improvements & Utilities											
Construction	2,236		571	1,665	1,200	465					
Other	361		101	260	190	70					
Total	3,480	715	772	1,993	1,458	535					

C. Funding Schedule (000's)

SDC	3,480	715	772	1,993	1,458	535					
-----	--------------	-----	-----	--------------	-------	-----	--	--	--	--	--

D. Description & Justification**DESCRIPTION**

This project provides for the design, construction and a community outreach program for an eductor system with connections to the existing 48-inch transmission main in Kensington Boulevard and Wheaton Hill Road. The flow of high pressure water through the eductor creates a vacuum on the suction line. The eductor system would deliver the water stored in Reservoir No. 3 and No. 4 into the Main Zone system to meet the demands on either side of the system's high points.

Service Area Montgomery Main Pressure Zone HG495, Prince George's Main Pressure Zone HG320

JUSTIFICATION**Plans & Studies**

Report on Available Options for Main Zone Storage and High Zone Storage Pumping Facilities, Black & Veatch (June, 1994); Pipeline Alignment and Alternative Mechanical Systems Concept Evaluation Study (June, 1999).

Specific Data

Several segments of existing pipeline in the Wheaton area are at elevations that are too high to provide for unrestricted use of existing storage. Existing high points in the transmission mains curtail use of storage to Elevation 450.

Cost Change

Not applicable.

STATUS Final Design (WSSC Contract No. BL1444A95,).

OTHER

The project scope has remained the same. Cost estimates are based on final design plans.

COORDINATION

Maryland State Highway Administration, Montgomery County Department of Public Works and Transportation, Montgomery County Government, Maryland-National Capital Park & Planning Commission and Local Community Civic Associations.

NOTE This project supports 100% Growth.

E. Annual Operating Budget Impact (000's)

FY of Impact

Program Costs	Staff	
	Other	
Facility Costs	Maintenance	
	Debt Service	26	07
Total Costs.....		26	07
Impact on Water or Sewer Rate.....		

F. Approval and Expenditure Data (000's)

Date First in Capital Program	FY 97
Date First Approved	FY 97
Initial Cost Estimate	5,401
Cost Estimate Last FY	3,402
Present Cost Estimate	3,480
Approved Request, Last FY	1,428
Total Expenditures & Encumbrances	715
Approval Request FY 05	1,458
Supplemental Approval Request Current FY (04)	

G. Status Information

Land Status:	Public/Agency owned land
% Project Completion:	D-100%
Est. Completion Date:	August 2005

H. Map Map Reference Code: